

CH₄ Concentration Sensor AR300-19

High Accuracy & Good Linearity Concentration Sensor



AR300-19 CH₄ concentration sensor adopts the catalytic combustion principle and has a built-in high-sensitivity probe. It has the characteristics of high accuracy, good linearity, and easy installation. It is widely used in industrial plant, traffic tunnel, coal mine shaft, dig working face, dye stuff plant, warehouse storage, chemical plant, etc.

Features

- ▶ High sensitivity
- ▶ Fast response
- ▶ High precision, wide measuring range
- ▶ Excellent stability
- ▶ Easy installation

Applications

- ▶ Air quality monitoring
- ▶ Smart home
- ▶ Warehousing
- ▶ Public place
- ▶ Environmental Safety Monitoring
- ▶ Animal husbandry



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Technical Specification

Item	Specification
Measuring range	0-100%LEL
Principle	Electrochemistry
Supply	12-24VDC
Resolution	1%LEL
Accuracy	±5%@25°C
Response time	<15s
Output	4-20mA, 0-5V, RS485
Power consumption	≤0.2W
Operating temperature	0-40°C
Relative humidity	0-95%RH (No condensation)
Shell Material	ABS